AMENDMENT
U.S. Patent Application Serial No. 09/488,976

<u>In The Claims</u>:

Please cancel claims 25 - 30 without prejudice or disclaimer of the subject matter thereof and amend the claims as follows.

1(Currently amended).   A computer-implemented method for adding user-provided content to a <u>user-defined</u> web-based content object <u>being one of a book, a collection of images, an album, a video and a multimedia object and</u> stored as a plurality of content entities in a data repository, comprising the steps of:

~~having a user~~ defining the web-based content object by a list of content entity identifiers<u>, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object and including pre-existing material</u>;

receiving ~~user-provided~~ content <u>from the user</u> via a web user interface <u>for inclusion in the defined web-based content object</u> ~~and transmitting the user-provided content to the data repository via an Internet~~, <u>wherein the user-provided content is custom content for the defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository</u>;

assigning the user-provided content an identifier, and storing the user-provided <u>content</u> with the <u>assigned</u> identifier ~~of the user-provided content~~ in the data repository; and

adding the identifier of the user-provided content to the list of content entity identifiers, whereby the user-provided content is added to the <u>web-based</u> content object~~;~~

~~wherein the user-provided content is content supplied or created by the user~~.

2(Currently amended).   The computer-implemented method of claim 1, further comprising the step of receiving a user-provided location for inserting the identifier of the user-provided content into the <u>web-based</u> content object, and inserting the identifier into the list at that location.

3(Previously presented).   The computer-implemented method of claim 2, further comprising the steps of providing a user interface communicating with the data repository, and providing mechanisms for receiving the user-provided content and specification of a desired location through the user interface.

4(Currently amended).   A computer-implemented method for adding user-provided content to a <u>user-defined</u> hierarchically structured web-based content object <u>being one of a book, a collection of images, an album, a video and a multimedia object and</u> stored as a plurality of content entities in a data repository, comprising the steps of:

~~having a user~~ defining the web-based content object by a hierarchical outline of containers and content entity identifiers<u>, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object and including pre-existing material, and wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier</u>;

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receiving ~~user-provided~~ content <u>from the user</u> via a web user interface <u>for inclusion in the</u> <u>defined web-based content object</u> ~~and transmitting the user-provided content to the data~~ ~~repository via an Internet~~, <u>wherein the user-provided content is custom content for the defined</u> <u>web-based content object that is supplied by the user and unavailable from the pre-existing</u> <u>material stored within the data repository</u>;

assigning the user-provided content an identifier, and storing the user-provided <u>content</u> with the <u>assigned</u> identifier ~~of the user-provided content~~ in the data repository; and

adding the identifier of the user-provided content to the hierarchical outline of containers and content entity identifiers, thereby adding the user-provided content to the <u>web-based</u> content object~~,~~

~~wherein the user-provided content is content supplied or created by the user~~.

5(Currently amended). The computer-implemented method of claim 4, further comprising the step of receiving a user-provided location for inserting the identifier of the user-provided content into the <u>web-based</u> content object, and inserting the identifier into the outline at that location.

6(Previously presented). The computer-implemented method of claim 4, wherein the user-provided content comprises a content entity.

7(Previously presented). The computer-implemented method of claim 4, wherein the user-provided content comprises a container.

8(Previously presented). The computer-implemented method of claim 5, further comprising the steps of providing a user interface communicating with the data repository, and providing mechanisms for receiving the user-provided content and specification of a desired location through the user interface.

9(Currently amended). A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for adding user-provided content to a user-defined web-based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, the method comprising the steps of:

having a user defining the web-based content object by a list of content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object and including pre-existing material;

receiving user-provided content from the user via a web user interface for inclusion in the defined web-based content object and transmitting the user-provided content to the data repository via an Internet, wherein the user-provided content is custom content for the defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;

assigning the user-provided content an identifier, and storing the user-provided content with the assigned identifier of the user-provided content in the data repository; and

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adding the identifier of the user-provided content to the list of content entity identifiers,

whereby the user-provided content is added to the <u>web-based</u> content object~~,~~

~~wherein the user-provided content is content supplied or created by the user~~.

10(Currently amended). The ~~method~~ <u>program storage device</u> of claim 9, <u>wherein said</u>

<u>method</u> further <u>comprises</u> ~~comprising~~ the step of receiving a user-provided location for inserting

the identifier of the user-provided content into the <u>web-based</u> content object, and inserting the

identifier into the list at that location.

11(Currently amended). The ~~method~~ <u>program storage device</u> of claim 10, <u>wherein said</u>

<u>method</u> further <u>comprises</u> ~~comprising~~ the steps of providing a user interface communicating with

the data repository, and providing mechanisms for receiving the user-provided content and

specification of a desired location through the user interface.

12(Currently amended). A program storage device readable by a machine, tangibly

embodying a program of instructions executable by the machine to perform method steps for

adding user-provided content to a <u>user-defined</u> hierarchically structured web-based content

object <u>being one of a book, a collection of images, an album, a video and a multimedia object</u>

<u>and</u> stored as a plurality of content entities in a data repository, <u>the method</u> comprising the steps

of:

~~having a user~~ defining the web-based content object by a hierarchical outline of containers and content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object and including pre-existing material, and wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier;

receiving ~~user-provided~~ content from the user via a web user interface for inclusion in the defined web-based content object ~~and transmitting the user-provided content to the data repository via an Internet~~, wherein the user-provided content is custom content for the defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;

assigning the user-provided content an identifier, and storing the user-provided content with the assigned identifier ~~of the user-provided content~~ in the data repository; and

adding the identifier of the user-provided content to the hierarchical outline of containers and content entity identifiers, thereby adding the user-provided content to the web-based content ~~object;~~

~~wherein the user-provided content is content supplied or created by the user~~.

13(Currently amended). The ~~method~~ program storage device of claim 12, wherein said method further comprises ~~comprising~~ the step of receiving a user-provided location for inserting the identifier of the user-provided content into the web-based content object, and inserting the identifier into the outline at that location.

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14(Currently amended). The ~~method~~ program storage device of claim 12, wherein the user-provided content comprises a content entity.

15(Currently amended). The ~~method~~ program storage device of claim 12, wherein the user-provided content comprises a container.

16(Currently amended). The ~~method~~ program storage device of claim 13, wherein said method further comprises ~~comprising~~ the steps of providing a user interface communicating with the data repository, and providing mechanisms for receiving the user-provided content and specification of a desired location through the user interface.

17(Currently amended). A system for adding user-provided content to a user-defined web-based content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a data repository, comprising:

means for defining the web-based content object by a list of content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the data repository selected by a user for inclusion in the web-based content object and including pre-existing material;

means for receiving ~~user-provided~~ content from the user via a web user interface for inclusion in the defined web-based content object ~~and transmitting the user-provided content to the data repository via an Internet~~, wherein the user-provided content is custom content for the

defined web-based content object that is supplied by the user and unavailable from the pre-existing material stored within the data repository;

means for assigning the user-provided content an identifier, and for storing the user-provided content with the assigned identifier of the user-provided content in the data repository; and

means for adding the identifier of the user-provided content to the list of content entity identifiers, whereby the user-provided content is added to the web-based content object, wherein the user-provided content is content supplied or created by the means for defining the object.

18(Currently amended). The system of claim 17, further comprising means for receiving a user-provided location for inserting the identifier of the user-provided content into the web-based content object, and means for inserting the identifier into the list at that location.

19(Original). The system of claim 18, further comprising a user interface communicating with the data repository, and a mechanism for receiving the user-provided content and specification of a desired location through the user interface.

20(Currently amended). A system for adding user-provided content to a user-defined hierarchically structured web-based content object being one of a book, a collection of images,

an album, a video and a multimedia object and stored as a plurality of content entities in a data

repository, comprising ~~the steps of~~:

means for defining the web-based content object by a hierarchical outline of containers

and content entity identifiers, wherein each content entity identifier identifies a corresponding

content entity in the data repository selected by a user for inclusion in the web-based content

object and including pre-existing material, and wherein each container represents an outline

hierarchical tier and includes at least one content entity identifier forming a subordinate outline

hierarchical tier;

means for receiving ~~user-provided~~ content from the user via a web user interface for

inclusion in the defined web-based content object ~~and transmitting the user-provided content to~~

~~the data repository via an Internet~~, wherein the user-provided content is custom content for the

defined web-based content object that is supplied by the user and unavailable from the pre-

existing material stored within the data repository;

means for assigning the user-provided content an identifier, and for storing the user-

provided content with the assigned identifier ~~of the user-provided content~~ in the data repository;

and

means for adding the identifier of the user-provided content to the hierarchical outline of

containers and content entity identifiers, thereby adding the user-provided content to the web-

based content object~~;~~

~~wherein the user-provided content is content supplied or created by the means for~~

~~defining the content object~~.

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21(Currently amended). The system of claim 20, further comprising means for receiving a user-provided location for inserting the identifier of the user-provided content into the web-based content object, and means for inserting the identifier into the outline at that location.

22(Original). The system of claim 20, wherein the user-provided content comprises a content entity.

23(Original). The system of claim 20, wherein the user-provided content comprises a container.

24(Currently amended). The system of claim 21, further comprising a user interface communicating with the data repository, and a ~~mechanisms~~ mechanism for receiving the user-provided content and specification of a desired location through the user interface.

25 - 30 (Canceled).

31(Currently amended). A computer-implemented method for adding user-provided content to a user-defined web-based custom content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of content entities in a digital library having a library server, and one or more object servers, the method comprising the steps of:

defining the web-based custom content object by a list of content entity identifiers, wherein each content entity identifier identifies a corresponding content entity in the digital library selected by a user for inclusion in the web-based custom content object and including pre-existing material;

receiving ~~user-provided~~ content from the user via a web user interface for inclusion in the defined web-based custom content object ~~and transmitting the user-provided content to the data repository via an Internet~~, wherein the user-provided content is custom content for the defined web-based custom content object that is supplied by the user and unavailable from the pre-existing material stored within the digital library;

assigning the user-provided content an identifier, and storing the user-provided content with the assigned identifier ~~of the user-provided content~~ in one or more object servers; ~~and~~

adding the identifier of the user-provided content to the list of content entity identifiers, whereby the user-provided content is added to the web-based custom content object;

storing said web-based custom content object in said one or more object servers; and

storing information specifying the web-based custom content object and attribute information concerning the web-based custom content object in the library server.

32(Currently amended). The computer-implemented method of claim 1, ~~further comprising:~~ wherein said data repository includes a plurality of object servers ~~, wherein~~ and components of the ~~custom~~ web-based content object are stored in more than one of the plurality of object servers.